

TO: John Bohumsky  
FROM: Scott Ross  
DATE: November 12, 1975  
SUBJECT: Brown Corporation - Ionia  
Discharge Permit Application

Staff visited the above facility on October 14, 1975. At that time the discharge to the adjacent swamp was viewed. It appeared relatively clear and free of oil film. Results of analysis of a sample of the effluent collected at that time are as follows:

pH	7.8
Suspended Solids	9 mg/l
Soluble Orthophosphate-P	0.27 mg/l
Total Phosphate-P	lost
Ammonia	Less than 0.01 mg/l
Chemical Oxygen Demand	43 mg/l
M.B.A.S.	0.36 mg/l

The swamp should effectively treat and dispose of the process wastewater and the cooling water discharged from this plant. The soils surrounding the swamp are clay loam, but the flood plain covers an extensive area. Based on this, staff would suggest the issuance of a ground water discharge permit.

SR:pb

cc: J. Cosens ✓  
C. Bek

EPA Region 5 Records Ctr.



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